



12x PTZ dome camera series









12x WDR PTZ Dome Camera series

SCP-3120/3120V/3120VH

The SCP-3120/3120V/3120VH PTZ dome cameras feature 12x optical zoom, clear color images at 600TV lines resolution. With high-speed pan and tilt operations at 650˚per second, these cameras capture broad areas quickly.
Especially, with SCP-3120V/3120VH's vandal-resistant body, these offer unparalleled durability and exceptional anti-shock protection. In addition, these models include a WDR, VPS, Coaxial control and intelligent video analytics function for vivid images and user convenience.

- High resolution of 600TV lines, low light illumination of 0.7Lux
- High-speed pan&tilt at 650˚/sec
- VPS, WDR, coaxial control
- Intelligent video analytics (moved/fixed)
- Two types of installation, flush or surface mount (SCP-3120)
- Integrated housing (SCP-3120VH)

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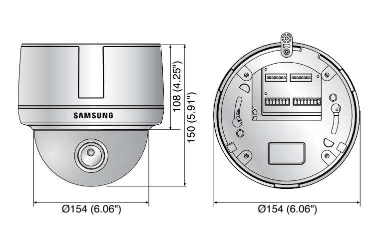




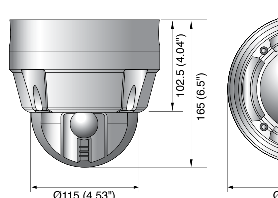
SCP-3120 SCP-3120V SCP-3120VH

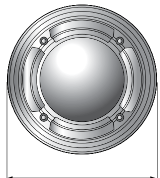
Dimensions

Unit : mm (inch)

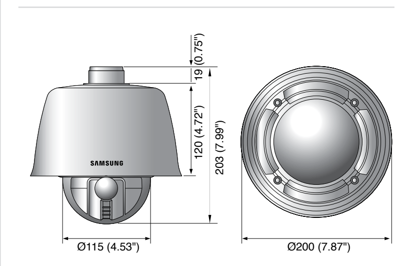


SCP-3120





SCP-3120V



SCP-3120VH

Specifications

	SCP-3120N/3120VN/3120VHN	SCP-3120P/3120VP/3120VHP
ELECTRICAL		
Input Voltage	24V AC	
Power Consumption	SCP-3120 : Max. 12W, SCP-3120V/3120VH : Max. 45W	
VIDEO		
Imaging Device	1/4" Ex-view HAD PS CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace	
Synchronization	Internal / Line lock	
Frequency	H :15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines (Min.) / B/W : 700TV lines (Min.)	
Min. Illumination	Color : 0.7Lux (50 IRE@F1.65), 0.001Lux (Sens-up, 512x) B/W : 0.07Lux (50 IRE@F1.65)	
S / N (Y signal)	50dB	
Video Output	VBS : 1.0 Vp-p / 75Ω composite	
LENS		
Zoom Ratio	12x (Optical), 16x (Digital)	
Focal Length	3.6 ~ 44.3mm (F1.65 ~ 2.0)	
Max. Aperture Ratio	1 : 1.65(Wide) ~ 3.7(Tele)	
Min. Object Distance	0.2m(Wide), 0.8m(Tele)	
Angular Field of View	H : 54.44°(Wide) ~ 4.62°(Tele) / V : 42.32°(Wide) ~ 3.58°(Tele)	
Focus	Auto / Manual / One shot	
PAN / TILT		
Pan Range	360° Endless	
Pan Speed	Preset : 650°/sec / Manual : 0.05°/sec ~ 120°/sec (Proportional zoom ratio), Turbo 200°/sec	
Tilt Range	-5° ~ 185°	
Tilt Speed	Preset : 650°/sec / Manual : 0.05°/sec ~ 120°/sec (Proportional zoom ratio)	
Preset Positions	255	
OPERATIONAL		
On Screen Display	English, French, German, Spanish, Italian, Portuguese, Korean	English, Chinese, French, German, Spanish, Italian, Portuguese
Camera Title	On / Off (Max. 12 Character)	
Day & Night	Auto (ICR) / Color / B/W	
Motion Detection	Off / Tracking / Detection	
Wide Dynamic Range	128x	160x
Backlight Compensation	BLC / WDR / Off	
eXtended Dynamic Range	Low / Medium / High / Off	
VPS (Virtual Progressive Scan)	On / Off	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (12 polygonal programmable zones)	
2D+3D Noise Filter (A1)	Low / Medium / High / Off	
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 512x)	
White Balance	ATW (In) / ATW (Out) / Manual / AWC	
Electronic Shutter Speed	1/60 ~ 1/10,000sec	1/50 ~ 1/10,000sec
Digital Zoom	On / Off (2x ~ 16x)	
AGC	Off / Low / Medium / High / Manual	
Schedule	Day / Time schedule	
Communication	RS-485, Coaxial control	
Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic	
Alarm	2 In, 2 Out	
Digital Flip	On / Off	
ENVIRONMENTAL		
Operating Temperature / Humidity	SCP-3120 : -10°C ~ +50°C (+14°F ~ +122°F) SCP-3120V/3120VH : -50°C ~ +50°C (-58°F ~ +122°F) / Less than 90% RH	
MECHANICAL		
Dimension (WxHxD)	SCP-3120 : Ø154 x 150mm (Ø6.06" x 5.91") SCP-3120V : Ø165 x 165mm (Ø6.5" x 6.5") SCP-3120VH : Ø200 x 203mm (Ø7.87" x 7.99")	
Weight	SCP-3120 : 1Kg (2.2 lb), SCP-3120V : 1.8Kg (3.97 lb), SCP-3120VH : 2.4Kg (5.29 lb)	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A), UL/cUL listed

eco RoHS compliant

The Eco mark represents Samsung Techwin's will to create environment-friendly products,and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



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